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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sommermeyer, et al.

Serial No.: 07/533,294

Group Art Unit: 153

Filed: 6/5/ 90

Examiner: N. Nutter

For: Hydroxyethylstarch (HES) as Plasmaexpander and
Process for Preparing HES

Edison, N.J. 08837

December 11, 1991

AMENDMENT

Hon. Commissioner of Patents & Trademarks
Washington, D.C. 20231

RECEIVED
DEC 30 1991
GROUP 150

Sir:

This is in response to the outstanding Official Action dated July 11, 1991, now due for response by virtue of a two-month Petition for Extension of Time, enclosed herewith with the appropriate fee, on December 11, 1991.

Please amend the above-identified application as follows:

In the Claims:

Add new Claims 8 through 11, reading as follows:

8. A hydroxyethyl starch for use as plasma expander characterized in that:
it has a mean molecular weight of 60,000-600,000 and a substitution degree MS
of 0.15 to 0.5,

the ratio of the substitution of C2 to the substitution of C6 of the anhydroglucose
units is 8-20 and

the substitution degree DS lies in the range from 0.15 to 0.5, produced by a
process wherein:

a) starch having a content of amylopectin of >95% is pre-extracted with

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